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Applicant

Watanabe, et al.

Serial No.

09/834,596

Filed

August 13, 2001

Title

2-' or 3'-Hydroxymethyl Substituted Nucleoside

Derivatives for Treatment of Hepatitis Virus Infections

Papers Submitted:

Transmittal of Supplemental Information Disclosure Statement

(1 p.); 106 cited references; and a copy of the Appointment of

Associate Attorney (1 p.)

Attorney

Madeline I. Johnston, Esq.

Date Mailed

January 21, 2004

Docket

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SUPPLEMENTAL INFORMATION STATEMENT BY APPE

(use as many sheets as necessary) 7 of 1

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Application Number	09/834,596				
Filing Date	April 13, 2001				
First Named Inventor	Watanabe et al.				
Group Art Unit	1623				
Examiner Name	Howard V. Owens, Jr.				
Attorney Docket Number	08841.105037 PHAR 2020				

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Examiner Initials *	Cite No. 1	U.S. Patent Docu Number	ment Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages/Relevant Figures Appear
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	BA	wo	00/09531	A2	Novirio (Idenix Pharmaceuticals)	02-24-2000		
	BB	wo	01/16671	A1	Novirio (Idenix Pharmaceuticals)	03-08-2001		
	BC	wo	01/32153	A2	Biochem Pharma, Inc.	05-10-2001		┷
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	CB	wo	03/068162	A2	Pharmasset Ltd.	08-21-2003	-			
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*	CD	wo	03/093290	A2	Genelabs Technologies Inc.	11-13-2003				

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SUPPLEMENTAL	Filing Date	April 13, 2001			
INFORMATION DISCLOSUE	First Named Inventor	Watanabe et al.			
STATEMENT BY APPLICAN		1623			
	Examiner Name	Howard V. Owens, Jr.			
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
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Sheet	5	of	7	Attorney Docket Number	08841.105037 PHAR 2020	
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, Examiner Cite serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. No. 1 Initials * KAWANA, M., et al, "The deoxygenation of tosylated adenosine derivatives with Grignard reagents," EA Nucleic Acids Symp. Ser., 1986, 17, 37-40. LAVAIRE, S., et al, "3'-deoxy-3'-trifluoromethyl nucleosides: synthesis and antiviral evaluation," EB Nucleosides & Nucleotides, 1998, 17, 2267-2280. LEYSSEN, P. et al., "Perspectives for the treatment of infections with Flaviviridae", Clinical Microbiology EC Reviews, Washington, D.C., (January 2000), 13(1), 67-82. MARTIN, X., et al., "Intramolecular hydrogen bonding in primary hydroxyl of thymine 1-(1-deoxy-β-D-ED psicofuranosyl) nucleoside," Tetrahedron, 1994, 50, 6689-6694. MATSUDA, A., et al., "Radical deoxygenation of tert-alcohols in 2-branched-chain sugar pyrimidine EE nucleosides: synthesis and antileukemic activity of 2'-deoxy-2'(S)-methylcytidine, "Chem. Pharm. Bull., 1987, 35, 3967-3970. MATSUDA, A., et al., "Nucleosides and Nucleotides. 94. Radical deoxygenation of tert-alcohols in 1-(2-EF C-alkylpentofuranosyl)pyrimidines: Synthesis of (2'S)-2'-deoxy-2'-C-methylcytidine, an antileukemic nucleoside," J. Med. Chem., 1991, 34, 234-239. MATSUDA, A., et al, "Nucleosides and Nucleotides. 104. Radical and palladium-catalyzed deoxygenation EG of the allylic alcohol systems in the sugar moiety of pyrimidine nucleosides, "Nucleosides & Nucleotides, 1992, 11(No. 2/4), 197-226. MATSUDA, A., et al., "Alkyl addition reaction of pyrimidine 2'-ketonucleosides: synthesis of 2'-branched-EH chain sugar pyrimidine nucleosides (Nucleosides and nucleotides. LXXXI.)," Chemical & Pharmaceutical Bulletin, March 1988, 36, 945-953. MIKHAILOV, S.N., et al, "Synthesis and properties of 3'-C-methylnucleosides and their phosphoric ΕI esters," Carbohydrate Research, 1983, 124, 75-96. MIKHAILOV, S.N., et al, "Hydrolysis of 2'- and 3'-C-methyluridine 2',3'-cyclid monophosphates and EJ interconversion and dephosphorylation of the resulting 2'- and 3'-monophosphates: comparison with the reactions of uridine monophosphates," J. Org. Chem., 1992, 57, 4122-4126. MIKHAILOV, S.N., et al, "Substrate properties of C'-methylnucleoside and C'-methyl-2'-deoxynucleoside EK 5'-triphophates in RNA and DNA synthesis reactions catalysed by RNA and DNA polymerases," Nucleosides & Nucleotides, 1991, 10, 339-343. NUTT, R.F., et al., "Branched-chain sugar nucleosides. III. 3'-C-methyladenine," J.Org. Chem. 1968, 33, EL 1789-1795.

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SUP	PLEMENT	AL		Filing Date	April 13, 2001	
INF	ORMATIO	N DISCI	OSURE	First Named Inventor	Watanabe et al.	
STA	TEMENT B	BY APPI	LICANT	Group Art Unit	1623	
	(use as many si	hoots as noces	sarv)	Examiner Name	Howard V. Owens, Jr.	
Sheet	7	of	7	Attorney Docket Number	08841.105037 PHAR 2020	
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